



IFW16

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
 TIME: 13:04:58

Input Set : A:\4987US.txt  
 Output Set: N:\CRF4\07212006\J665671A.raw

3 <110> APPLICANT: ANDERSEN, Mark R.  
 4 HUNKAPILLER, Michael W.  
 5 LIVAK, Kenneth J.  
 6 SPIER, Eugene G.  
 7 WENZ, Michael H.  
 9 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING TARGETS  
 11 <130> FILE REFERENCE: 4987 US  
 13 <140> CURRENT APPLICATION NUMBER: US 10/665,671A  
 14 <141> CURRENT FILING DATE: 2003-09-19  
 16 <150> PRIOR APPLICATION NUMBER: US 60/412,225  
 17 <151> PRIOR FILING DATE: 2002-09-19  
 19 <160> NUMBER OF SEQ ID NOS: 25  
 21 <170> SOFTWARE: PatentIn version 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 49  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Homo sapiens  
 28 <400> SEQUENCE: 1 49  
 29 ttgcctgctc gacttagatc aaaggagacg cggctgcttt cagcctcat  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 49  
 34 <212> TYPE: DNA  
 35 <213> ORGANISM: Homo sapiens  
 37 <400> SEQUENCE: 2 49  
 38 ttgcctgctc gacttagagg gtcacagtag gtggtagcttt cagcctcac  
 41 <210> SEQ ID NO: 3  
 42 <211> LENGTH: 33  
 43 <212> TYPE: DNA  
 44 <213> ORGANISM: Homo sapiens  
 46 <400> SEQUENCE: 3 33  
 47 ggggatagtg gctgcatcac tggatagcga cgt  
 50 <210> SEQ ID NO: 4  
 51 <211> LENGTH: 49  
 52 <212> TYPE: DNA  
 53 <213> ORGANISM: Homo sapiens  
 55 <400> SEQUENCE: 4 49  
 56 ttgcctgctc gacttagatc aaaggagacg cggcagtggg tttccaacg  
 59 <210> SEQ ID NO: 5  
 60 <211> LENGTH: 51  
 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Homo sapiens  
 64 <400> SEQUENCE: 5 51  
 65 ttgcctgctc gacttagagg gtcacagtag gtggacagtg gttttccaac a

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
 TIME: 13:04:58

Input Set : A:\4987US.txt  
 Output Set: N:\CRF4\07212006\J665671A.raw

68 <210> SEQ ID NO: 6	
69 <211> LENGTH: 32	
70 <212> TYPE: DNA	
71 <213> ORGANISM: Homo sapiens	
73 <400> SEQUENCE: 6	32
74 tgaacacacc gggatcact ggatagcgac gt	
77 <210> SEQ ID NO: 7	
78 <211> LENGTH: 18	
79 <212> TYPE: DNA	
80 <213> ORGANISM: Homo sapiens	
82 <400> SEQUENCE: 7	18
83 ttgcctgctc gacttaga	
86 <210> SEQ ID NO: 8	
87 <211> LENGTH: 18	
88 <212> TYPE: DNA	
89 <213> ORGANISM: Homo sapiens	
91 <400> SEQUENCE: 8	18
92 acgtcgctat ccagtgat	
95 <210> SEQ ID NO: 9	
96 <211> LENGTH: 15	
97 <212> TYPE: DNA	
98 <213> ORGANISM: Homo sapiens	
100 <400> SEQUENCE: 9	15
101 ccgcgtctcc tttga	
104 <210> SEQ ID NO: 10	
105 <211> LENGTH: 16	
106 <212> TYPE: DNA	
107 <213> ORGANISM: Homo sapiens	
109 <400> SEQUENCE: 10	16
110 ccacctactg tgaccc	
113 <210> SEQ ID NO: 11	
114 <211> LENGTH: 70	
115 <212> TYPE: DNA	
116 <213> ORGANISM: Homo sapiens	
118 <400> SEQUENCE: 11	60
119 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tcggtcaaaa	70
121 acgagatcaa	
124 <210> SEQ ID NO: 12	
125 <211> LENGTH: 71	
126 <212> TYPE: DNA	
127 <213> ORGANISM: Homo sapiens	
129 <400> SEQUENCE: 12	60
130 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcggtcaaa	71
132 aacgagatca g	
135 <210> SEQ ID NO: 13	
136 <211> LENGTH: 37	
137 <212> TYPE: DNA	
138 <213> ORGANISM: Homo sapiens	
140 <400> SEQUENCE: 13	

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006

TIME: 13:04:58

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw

141 taccagctta acacatagca tcactggata gcgacgt 37

144 <210> SEQ ID NO: 14

145 <211> LENGTH: 73

146 <212> TYPE: DNA

147 <213> ORGANISM: Homo sapiens

149 <400> SEQUENCE: 14

150 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tccaataact 60

152 aaaggtacaa cat 73

155 <210> SEQ ID NO: 15

156 <211> LENGTH: 73

157 <212> TYPE: DNA

158 <213> ORGANISM: Homo sapiens

160 <400> SEQUENCE: 15

161 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcaataact 60

163 aaaggtacaa cac 73

166 <210> SEQ ID NO: 16

167 <211> LENGTH: 37

168 <212> TYPE: DNA

169 <213> ORGANISM: Homo sapiens

171 <400> SEQUENCE: 16 37

172 ggcataataa tctccaaaga tcactggata gcgacgt

175 <210> SEQ ID NO: 17

176 <211> LENGTH: 68

177 <212> TYPE: DNA

178 <213> ORGANISM: Homo sapiens

180 <400> SEQUENCE: 17

181 ttgcctgctc gacttagatc cgcgtctcct ttgatttgta ccactctttt tccagtgggt 60

183 ttccaacg 68

186 <210> SEQ ID NO: 18

187 <211> LENGTH: 70

188 <212> TYPE: DNA

189 <213> ORGANISM: Homo sapiens

191 <400> SEQUENCE: 18

192 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactcttt ttcacagtgg 60

194 ttttccaaca 70

197 <210> SEQ ID NO: 19

198 <211> LENGTH: 32

199 <212> TYPE: DNA

200 <213> ORGANISM: Homo sapiens

202 <400> SEQUENCE: 19 32

203 tgaacacacc gggatatcact ggatagcgac gt

206 <210> SEQ ID NO: 20

207 <211> LENGTH: 18

208 <212> TYPE: DNA

209 <213> ORGANISM: Homo sapiens

211 <400> SEQUENCE: 20 18

212 ttgcctgctc gacttaga

215 <210> SEQ ID NO: 21

216 <211> LENGTH: 18

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:04:59

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

217 <212> TYPE: DNA	
218 <213> ORGANISM: Homo sapiens	
220 <400> SEQUENCE: 21	18
221 acgtcgctat ccagtgat	
224 <210> SEQ ID NO: 22	
225 <211> LENGTH: 15	
226 <212> TYPE: DNA	
227 <213> ORGANISM: Homo sapiens	
229 <400> SEQUENCE: 22	15
230 ccgcgtctcc tttga	
233 <210> SEQ ID NO: 23	
234 <211> LENGTH: 16	
235 <212> TYPE: DNA	
236 <213> ORGANISM: Homo sapiens	
238 <400> SEQUENCE: 23	16
239 ccacctactg tgaccc	
242 <210> SEQ ID NO: 24	
243 <211> LENGTH: 15	
244 <212> TYPE: DNA	
245 <213> ORGANISM: Artificial	
247 <220> FEATURE:	
248 <223> OTHER INFORMATION: Synthetic DNA	
250 <400> SEQUENCE: 24	15
251 catgccaatg acgga	
254 <210> SEQ ID NO: 25	
255 <211> LENGTH: 15	
256 <212> TYPE: DNA	
257 <213> ORGANISM: Artificial	
259 <220> FEATURE:	
260 <223> OTHER INFORMATION: Synthetic DNA	
262 <400> SEQUENCE: 25	15
263 catgcgaatg acggc	

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:05:00

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

Invalid <213> Response:  
Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:24,25

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006

TIME: 13:05:00

Input Set : A:\4987US.txt

Output Set: N:\CRF4\07212006\J665671A.raw